

State Fair Academy

2025 Lesson Plans

These “Ag in the Classroom” Lesson Plans have been developed as a joint project of the Oklahoma State Department of Education and the Oklahoma Cooperative Extension Service. They provide Oklahoma Academic Standards for various grade levels along with vocabulary, activities and online resources designed to enhance your State Fair Academy experience. Click on the links and download or print the lesson plans.

Some of the best lessons are found while visiting state fairs! Agriculture education thrives throughout State Fair Park during the Oklahoma State Fair. Be sure and check out the City of AGtropolis, Barnyard Birthing Center, Oklahoma Frontier Experience and all the barns and arenas. Your students can even get their Oklahoma and Oklahoma State Fair history lesson while exploring the Spirit of Oklahoma Plaza.

Lesson 1: In this lesson, students will read about the history of county and state fairs in the US, Indian Territory and the state of Oklahoma. Students will answer comprehension questions about the reading. Students will develop time lines of the history of fairs. Students will develop fair entries for judging.

The Fair Starts with Agriculture

Lesson 2: This lesson is about the history of 4-H, a youth organization. 4H exhibits are located in the Oklahoma Expo Hall during the Oklahoma State Fair. Students will develop a timeline from the reading. Students will graph information about 4-H. Students will use online search engines to find information about other youth organizations.

4H = Head, Heart, Hands & Health

Lesson 3: Teach your students how plants are grown, maintained and developed into field-grown products we use today. Students will work together to create a new design of crops.

Choctaw Farming

Lesson 4: Bee’s wax is in a lot of products we use on a daily basis, like candles, lotions, crayons and chewing gum just to name a few. This lesson teaches your students how honeycombs are made and what they look like. Have them guess how many pounds are used in the US each year! Live bees will be buzzing around and building their own honeycombs in the Oklahoma Expo Hall during the Oklahoma State Fair.

Bee’s Wax

Lesson 5: Teach your students different properties of wool and how they compare with synthetic fibers. Students will learn how sheep provide wool and why it is important.

Wet and Woolly

Lesson 6: Camelid’s are becoming a popular animal in today’s society. Have your student’s learn about different animals as well as compare and contrast their needs with others in the family. Let students get up close and personal with live Alpacas during the Oklahoma State Fair. You can find these beautiful creatures in the City of AGtropolis in the Oklahoma Expo Hall.

Cutest Camelid

Lesson 7: Learn how bugs are friends of the world, what they do to help plants survive, how to observe them and the background of our world’s littlest friends. During the Oklahoma State Fair, visit the bug hub presented by the OSU Entomology Department, located in the City of AGtropolis in the Oklahoma Expo Hall.

Be a Bug Scout